

Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-20 (Cancelled)

21. (Previously Presented) A method for transmitting IP packets between a Radio Network Controller (RNC) and another element in a mobile radio network, comprising:

receiving, at the Radio Network Controller, an IP packet that was sent in an uplink direction by a mobile terminal, the IP packet comprising a first coder-decoder mode indication which indicates a coder-decoder mode with which a downlink is originally requested;

generating an encapsulation of the IP packet by the Radio Network Controller by generating a header which comprises a second coder-decoder mode indication;

forwarding the encapsulated IP packet to a coder-decoder mode indication exchange system, where the first coder-decoder mode indication is replaced with the second coder-decoder mode indication; and

forwarding the IP packet with the replaced coder-decoder mode indication to a recipient terminal.

22. (Previously Presented) The method according to claim 21, wherein the second coder-decoder mode indication is based on a current situation on an air interface.

23. (Previously Presented) The method according to claim 21, wherein the IP packet that was sent in uplink direction by the mobile terminal, before arrival at the Radio Network Controller, is encapsulated in an original encapsulation, the original encapsulation comprising a third coder-decoder mode indication which is exchanged by generating the encapsulation of the IP packet with the second coder-decoder mode indication.